



NITFS Compliance Registration



Product: AGP 1c Topographic Data Processing (TDP) version 3.12.1

Sponsor: National Geospatial-Intelligence Agency

Developer: Harris Corporation

Date: 15 May 2008
Expiration: 14 Dec 2010
Registration #: 1036

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
-Dual Core 3 GHz Xeon 5100

NITFS Features Implemented:

Format

NITF

- ☒ V2.1
☐ V2.0
☐ V1.1

NSIF

- ☐ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☒ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☒ NODISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record


Extensions

- ☒ HISTOA
☒ J2KLRA
☒ PRODHA
- DIGEST TREs
- ACCHZB
- BNDPLB
- GEOLOB
- GEOPLSB
- MAPLOB
- PRJPBSB

Legend

- Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.


CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program